

ABSTRACT

A four wheel drive electric vehicle that runs on a road and on an electrified track comprising a motor, a battery pack, an accelerator, an alternator, an auxiliary generator capable, once the electric vehicle reaches approximately 20 m.p.h., of charging the battery when the battery pack is off or, when the battery pack is on, of transmitting electricity to the motor for extra power, an electrical system, a pair of motorized legs with balled feet, each of the motorized legs capable of being lowered so as to make contact with the electrified track that supplies electric power to drive the electric motor when the battery pack is off and a cooling system for cooling the motor including a cooling tank that contains oil that is circulated through oil piping. A separate portable charger for charging the batteries at home or when the vehicle is not in use is included.